

A Feasibility Study for an NSF Open-Access Publication Repository

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NSF DataNet/Interop Pls meeting

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Feasibility Study

- NOT an implementation plan (i.e., not a decision by NSF but rather a “what if...” analysis)
- Johns Hopkins University, University of Michigan and Council on Library and Information Resources
- Advantages and disadvantages of different approaches based on framework developed through earlier study funded by Open Society Institute
- Technical, policy and business dimensions

Workshops

- Convened three workshops to focus on each of these dimensions
- Participants included a diverse group of potential stakeholders, service providers, partners from both non-profit and for-profit sectors
- Feedback from reports resulted in ideas about scope and potential technical approaches

Scope

- Consensus support for connection between publications and data
- PI acts as proxy for “publication” for public release (typically those identified within Fastlane interim or final reports)
- Does not include administrative reports or “grey” literature (e.g., Powerpoint files)
- Overwhelming response that NSF needs to define specifications or requirements

Four Categories of Technical Approaches

- Category 1 – Locally installed system (e.g., ePrints, DSpace)
- Category 2 – Large, scale hosted systems (e.g., HathiTrust, Pubmed Central)
- Category 3 – Federation of systems (i.e., content distributed and harvested)
- Category 4 – Custom solution
- Final report by end of February 2012

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